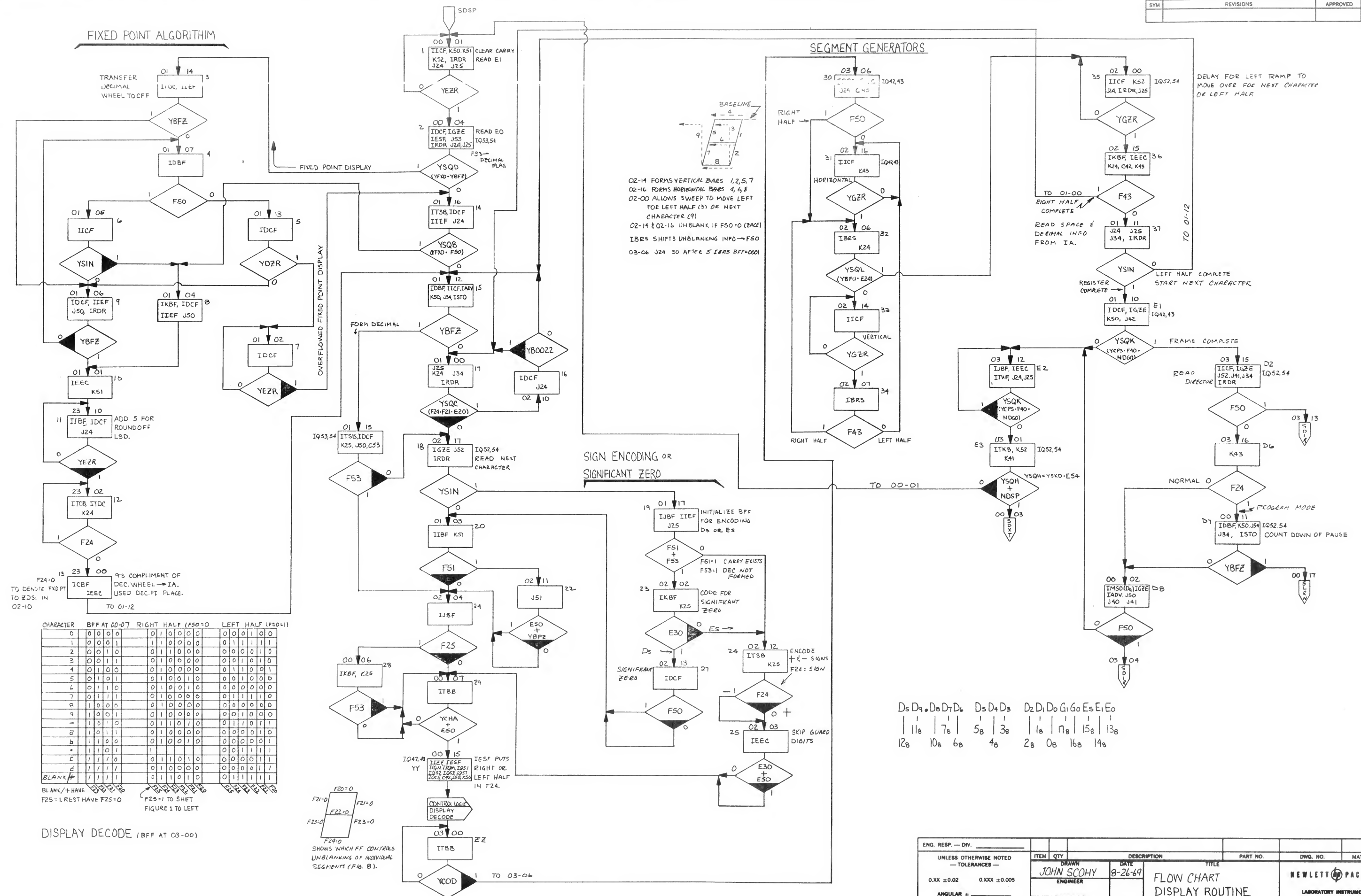

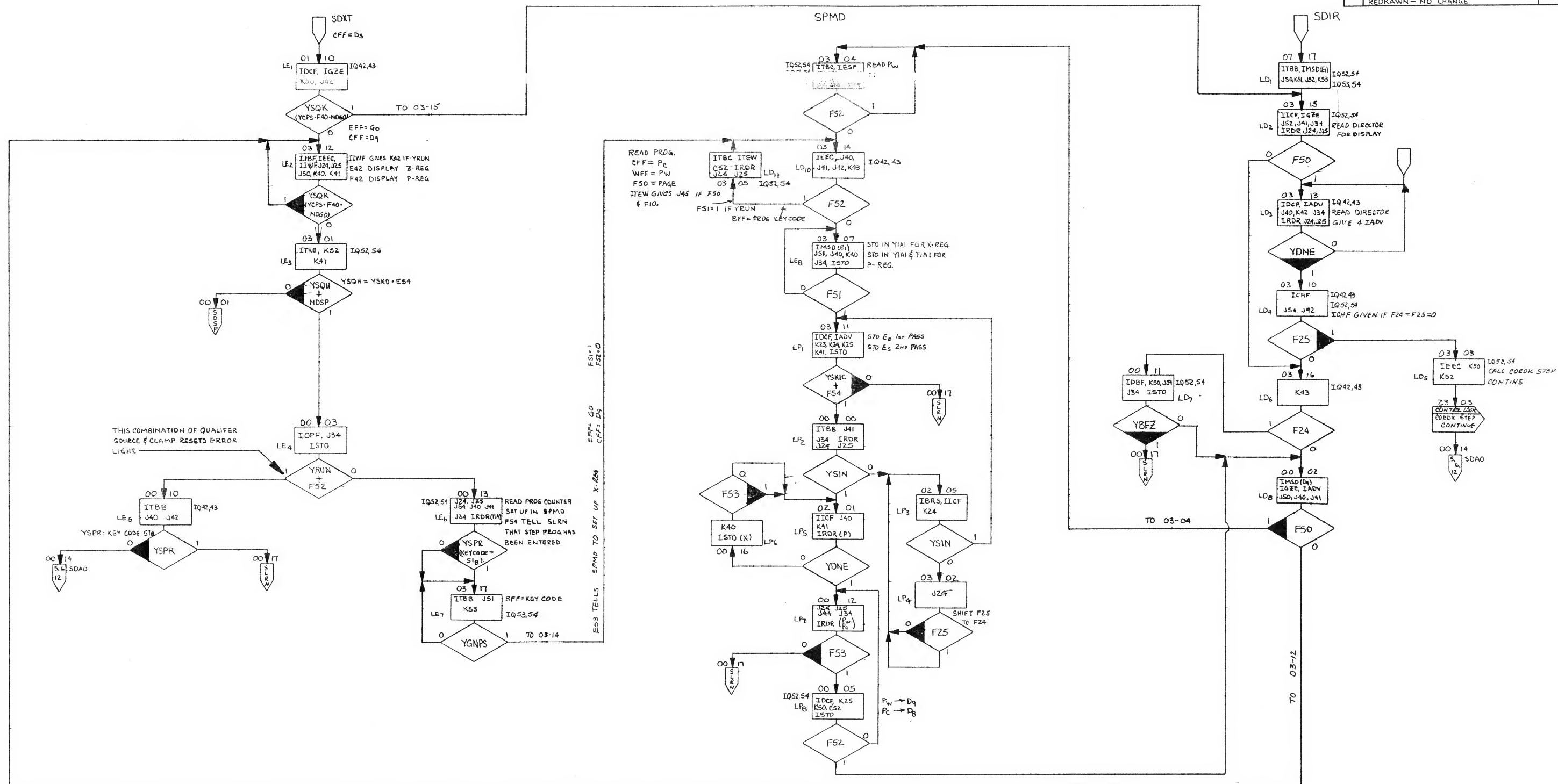


ENG. DESG. - DW.	ITEM	QTY	DESCRIPTION	PART NO.	DWG. NO.	MAT'L SPEC.
UNLESS OTHERWISE NOTED TOLERANCES - 0.01 ± 0.02 0.001 ± 0.005 ANGULAR ± MACHINED SURFACES - DO NOT SCALE -	DRAWN JOHN SCOHY ENGINEER	DATE 8-26-69	TITLE FLOW CHART - CONTROL LOGIC			
	APPROVED					
	SUPERSEDES					
			FINISH	SCALE		

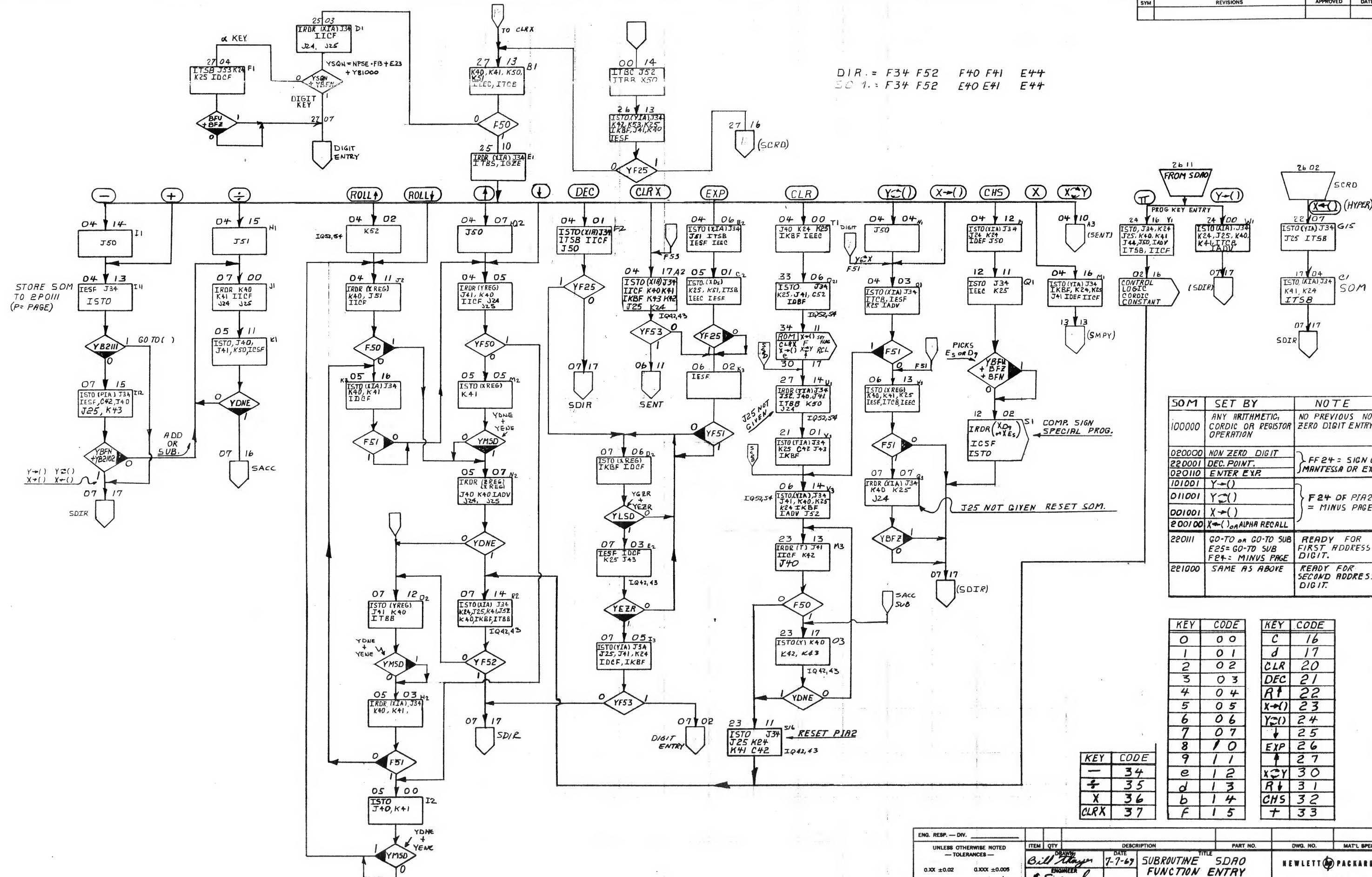
NEWLETT-PACKARD
LABORATORY INSTRUMENTS
91008
D-09100 - 90370 - 1



ENG. RESP. — DIV. _____	ITEM	QTY	DESCRIPTION	PART NO.	DWG. NO.	MAT'L SPEC.
UNLESS OTHERWISE NOTED — TOLERANCES —		DRAWN <i>JOHN SCOHY</i>	DATE <i>8-26-69</i>	TITLE <i>FLOW CHART DISPLAY ROUTINE</i>	 HEWLETT PACKARD LABORATORY INSTRUMENTS	
0.XX ± 0.02 0.XXX ± 0.005		ENGINEER				
ANGULAR ± _____		APPROVED				
MACHINED SURFACES <i>✓</i> — DO NOT SCALE —		SUPERSEDES		FINISH	SCALE	NEXT ASSY. <i>9100B</i> D -09100 -90370 -2




ENG. RESP. — DIV. _____	ITEM	QTY	DESCRIPTION	PART NO.	DWG. NO.	MAT'L SPEC.
UNLESS OTHERWISE NOTED — TOLERANCES —		DRAWN	DATE	TITLE	HEWLETT-PACKARD LABORATORY INSTRUMENTS	
0.XX ±0.02 0.XXX ±0.005		JOHN SCOHY	8-27-69	SUBROUTINE - DISPLAY EXIT		
ANGULAR ± _____		ENGINEER		SUBROUTINE - DIRECTOR		
MACHINED SURFACES <input checked="" type="checkbox"/> VS		APPROVED		SUBROUTINE - PROG. MODE DISP	NEXT ASSY. 9100B D-09100 - 90370 - 3	
— DO NOT SCALE —		SUPERSEDES		FINISH	SCALE	

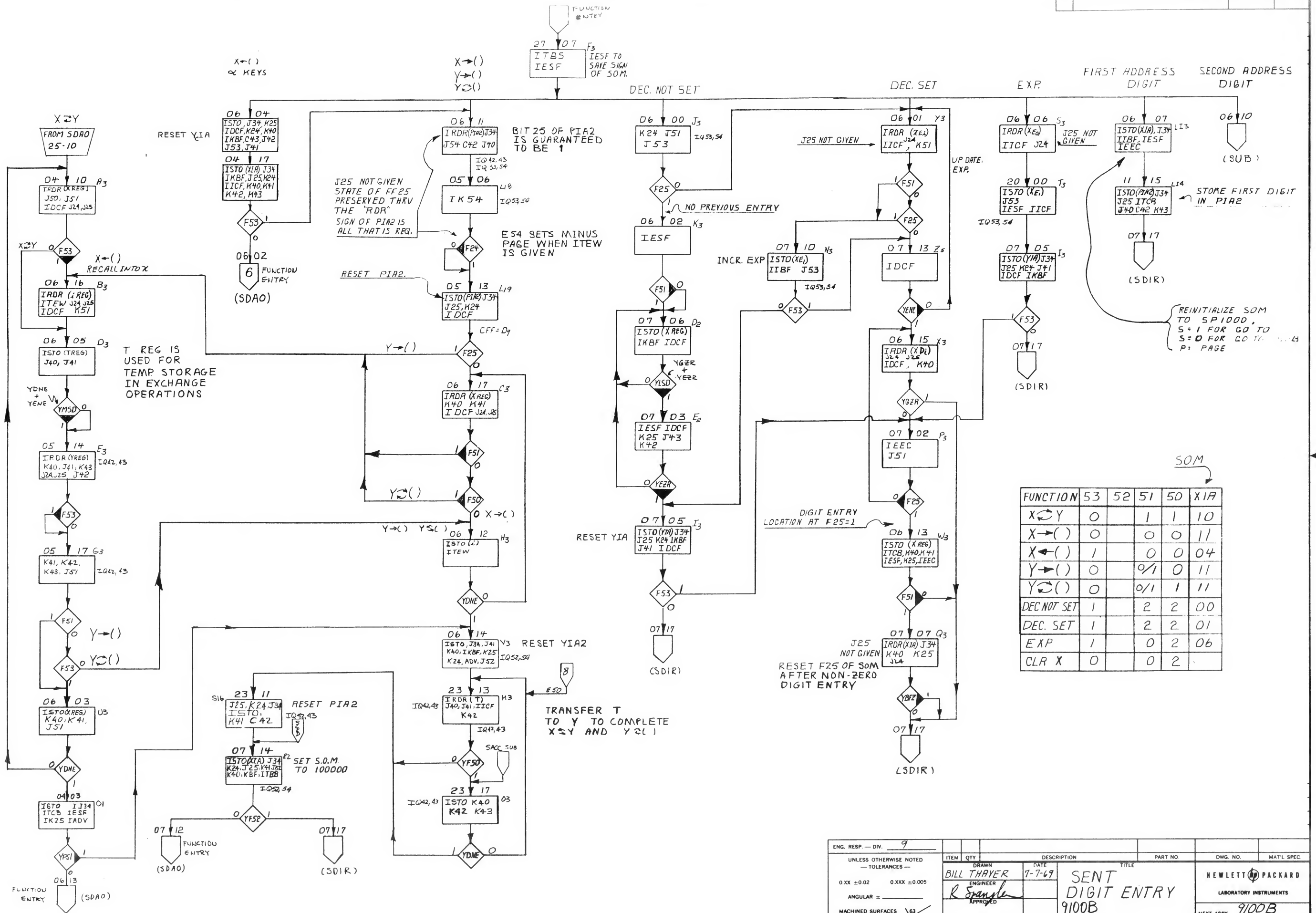


50M	SET BY	NOTE
100000	ANY ARITHMETIC, CORDIC OR REGISTER OPERATION	NO PREVIOUS NO ZERO DIGIT ENTRY
020000	NON ZERO DIGIT	} FF24 = SIGN MANTESSA OR EXP
220001	DEC. POINT.	
020110	ENTER EXP.	} F24 OF PI24 = MINUS PAGE
101001	Y ← ()	
011001	Y → ()	
001001	X → ()	
800100	X ← () OR ALPHA RECALL	
220111	GO-TO or GO-TO SUB E25= GO-TO SUB F24= MINUS PAGE	READY FOR FIRST ADDRESS DIGIT.
221000	SAME AS ABOVE	READY FOR SECOND ADDRESS DIGIT.

KEY	CODE	KEY	CODE
0	0 0	C	16
1	0 1	d	17
2	0 2	CLR	20
3	0 3	DEC	21
4	0 4	R↑	22
5	0 5	X←Y	23
6	0 6	Y←X	24
7	0 7	↓	25
8	1 0	EXP	26
9	1 1	↑	27
e	1 2	X↔Y	30
d	1 3	R↓	31
b	1 4	CHS	32
f	1 5	+	33

KEY	CODE
—	34
\div	35
X	36
CLR X	37

ENG. RESP. — DIV. _____		ITEM QTY		DESCRIPTION		PART NO.		DWG. NO.		MAT'L SPEC.	
UNLESS OTHERWISE NOTED — TOLERANCES —		DRAWN <i>Bill Stayer</i>		DATE 7-7-69		TITLE SUBROUTINE SDAO FUNCTION ENTRY		HEWLETT  PACKARD LABORATORY INSTRUMENTS NEXT ASSY. <i>9100B</i> D - 09100 - 90370 - 1			
0.0X ± 0.02 0.00X ± 0.005 ANGULAR ± _____ MACHINED SURFACES <input checked="" type="checkbox"/> ✓ — DO NOT SCALE —		ENGINEER <i>L. Scagnola</i> APPROVED		9100B		FINISH					
		SUPERSEDES									



ENG. RESP. — DIV. 9

UNLESS OTHERWISE NOTED — TOLERANCES —
0.XX ±0.02 0.XXX ±0.005
ANGULAR ±
MACHINED SURFACES 63
— DO NOT SCALE —

ITEM QTY DESCRIPTION TITLE PART NO. DWG. NO. MAT'L SPEC.

DRAWN: BILL THAYER
ENGINEER: R. Spangle
APPROVED: [Signature]
SUPERSEDES: [Blank]

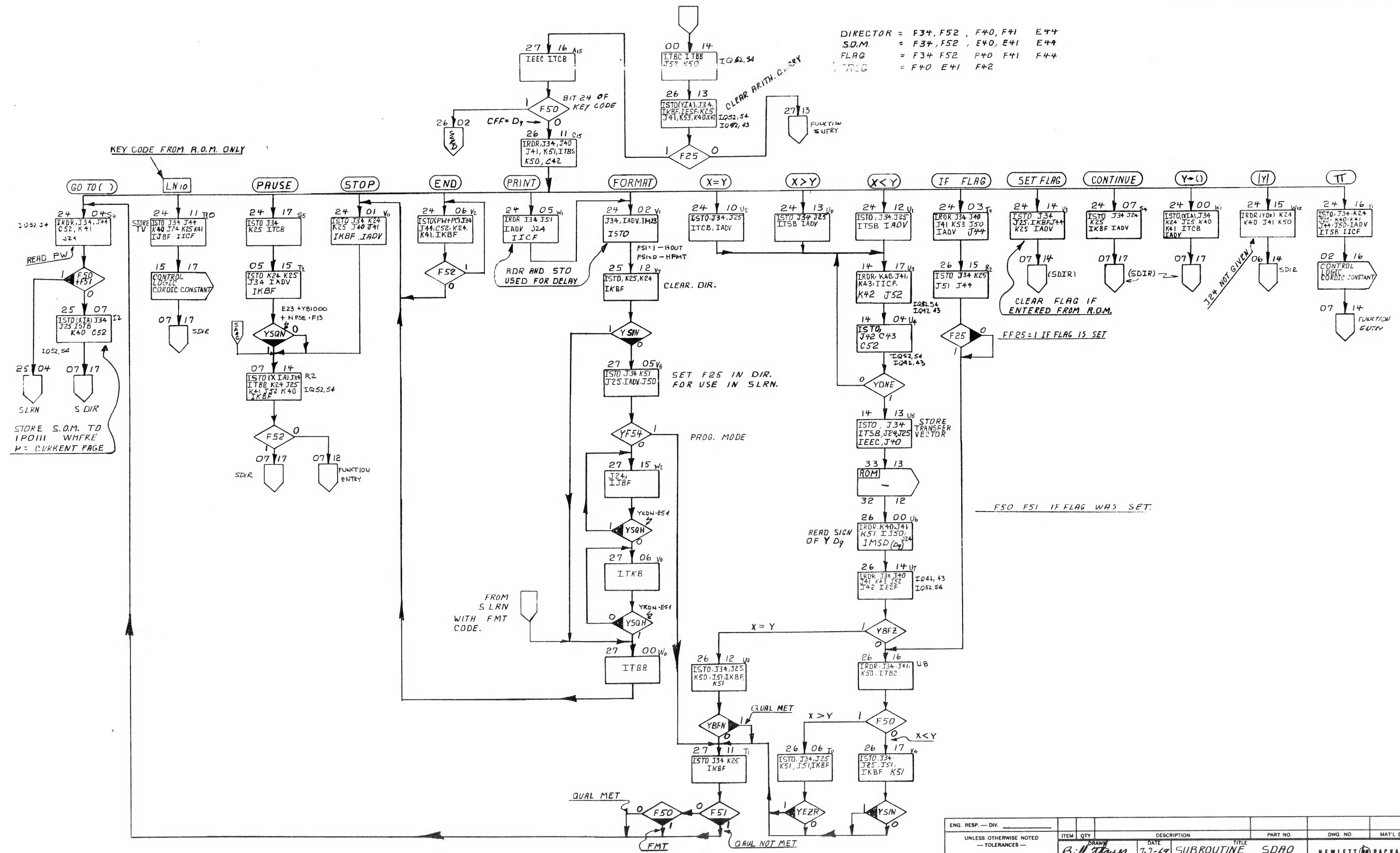
DATE: 7-7-69

SENT DIGIT ENTRY 9100B




FINISH SCALE

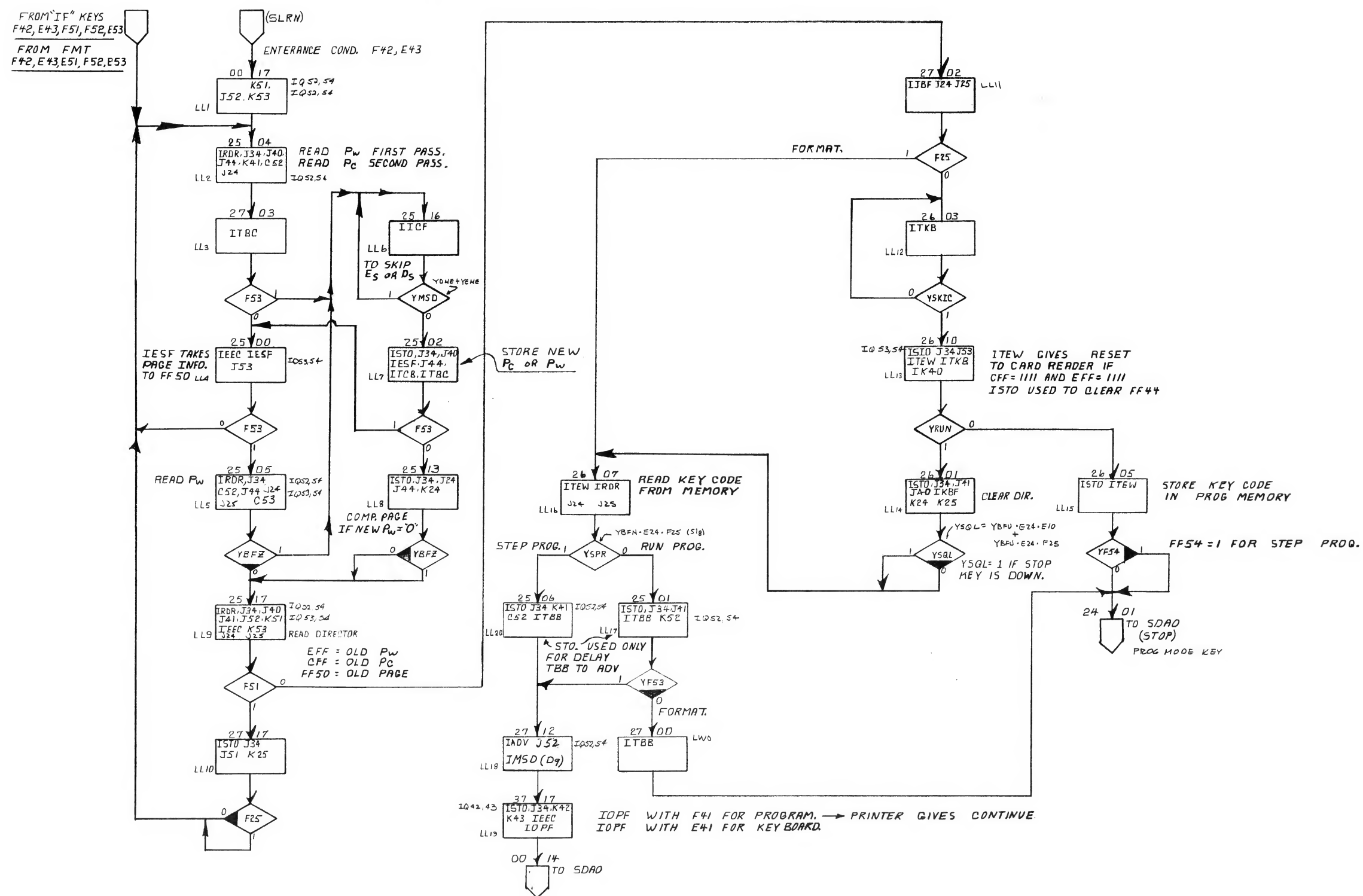
HEWLETT-PACKARD
LABORATORY INSTRUMENTS
NEXT ASSY: 9100B
D-09100-90370-5

DIRECTOR = F34, F52, F40, F41 E44
 S.O.M. = F34, F52, E40, E41 E44
 FLAG = F34 F52 F40 F41 F44
 FLAG = F40 E41 F42

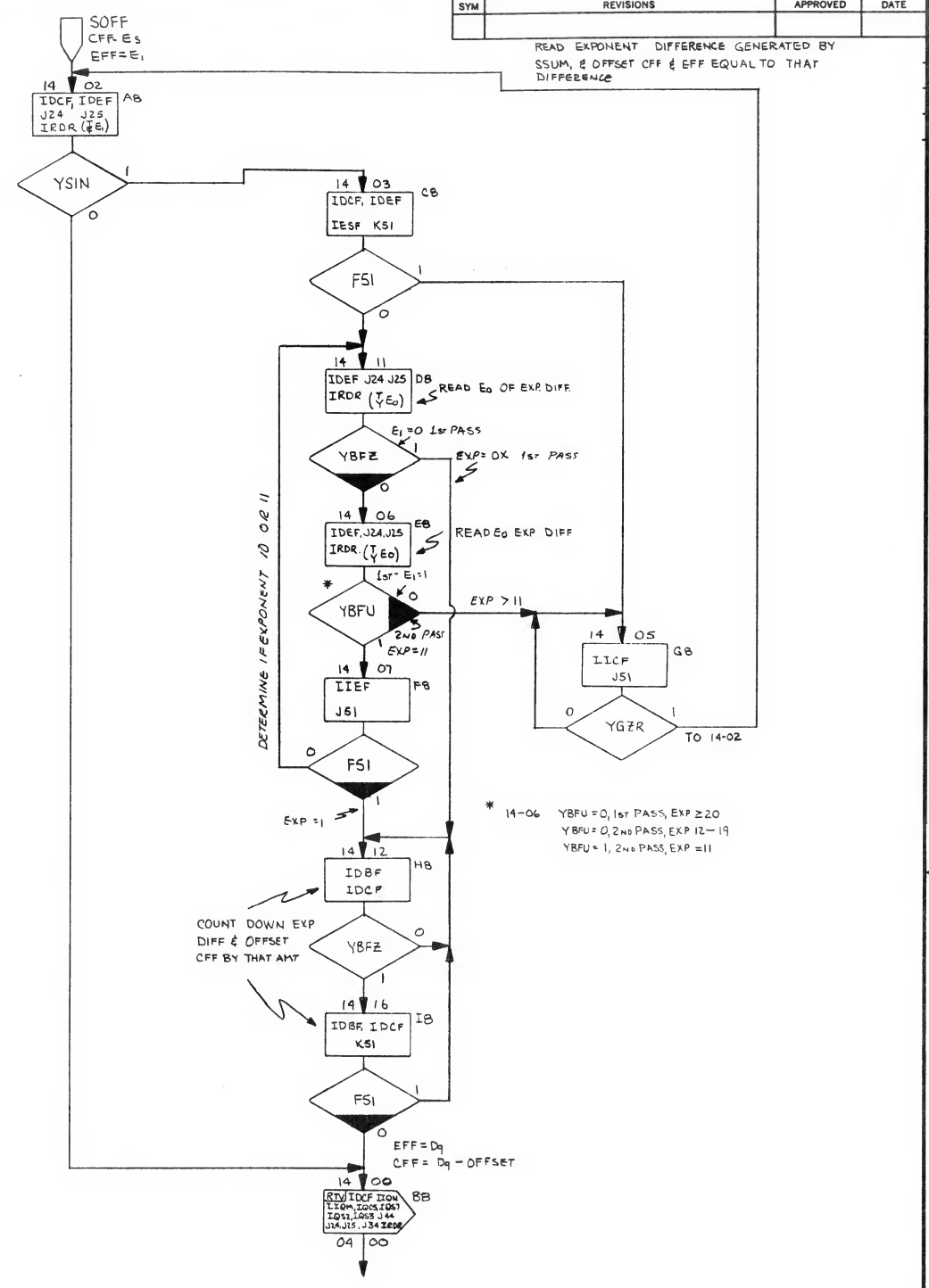
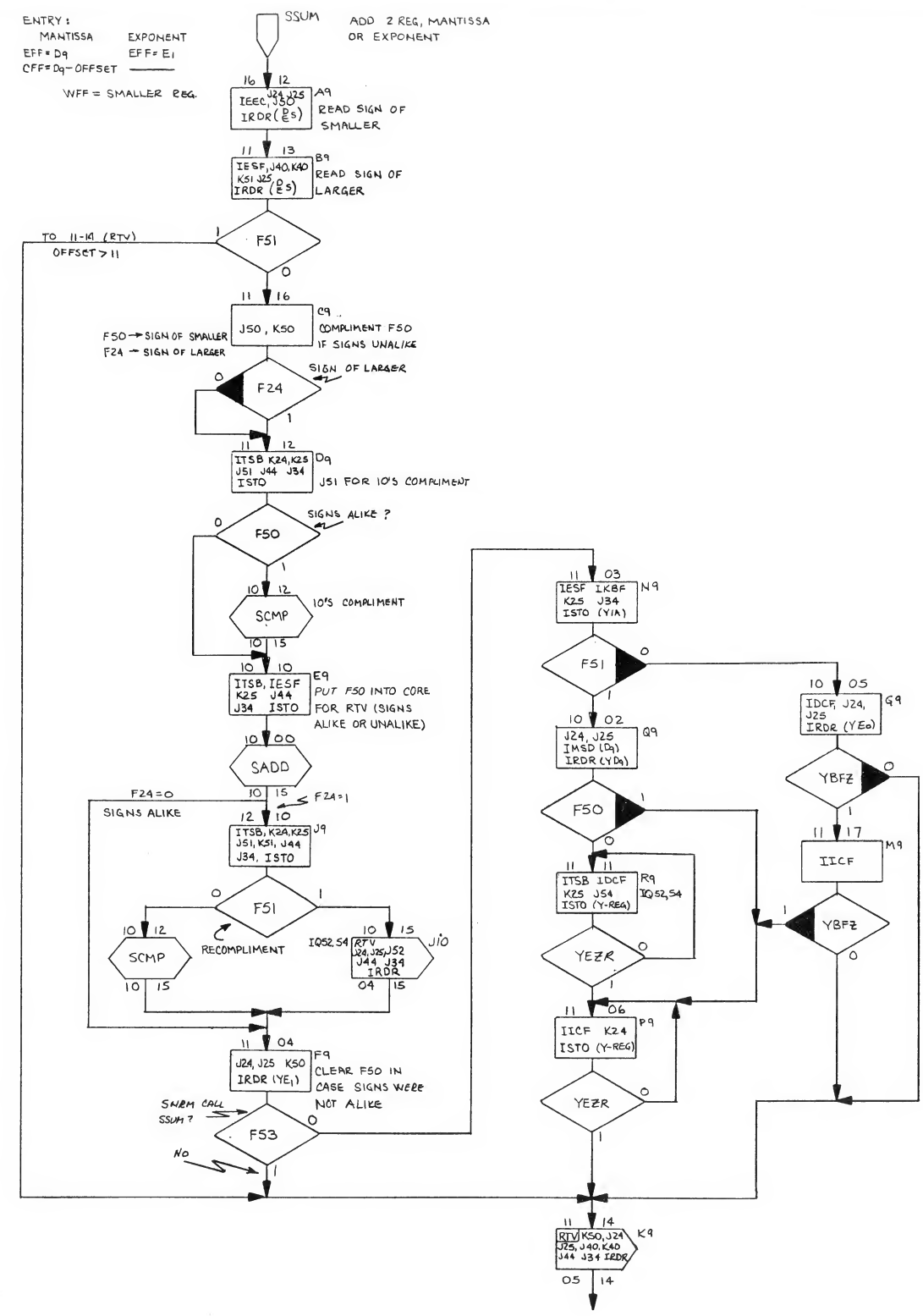
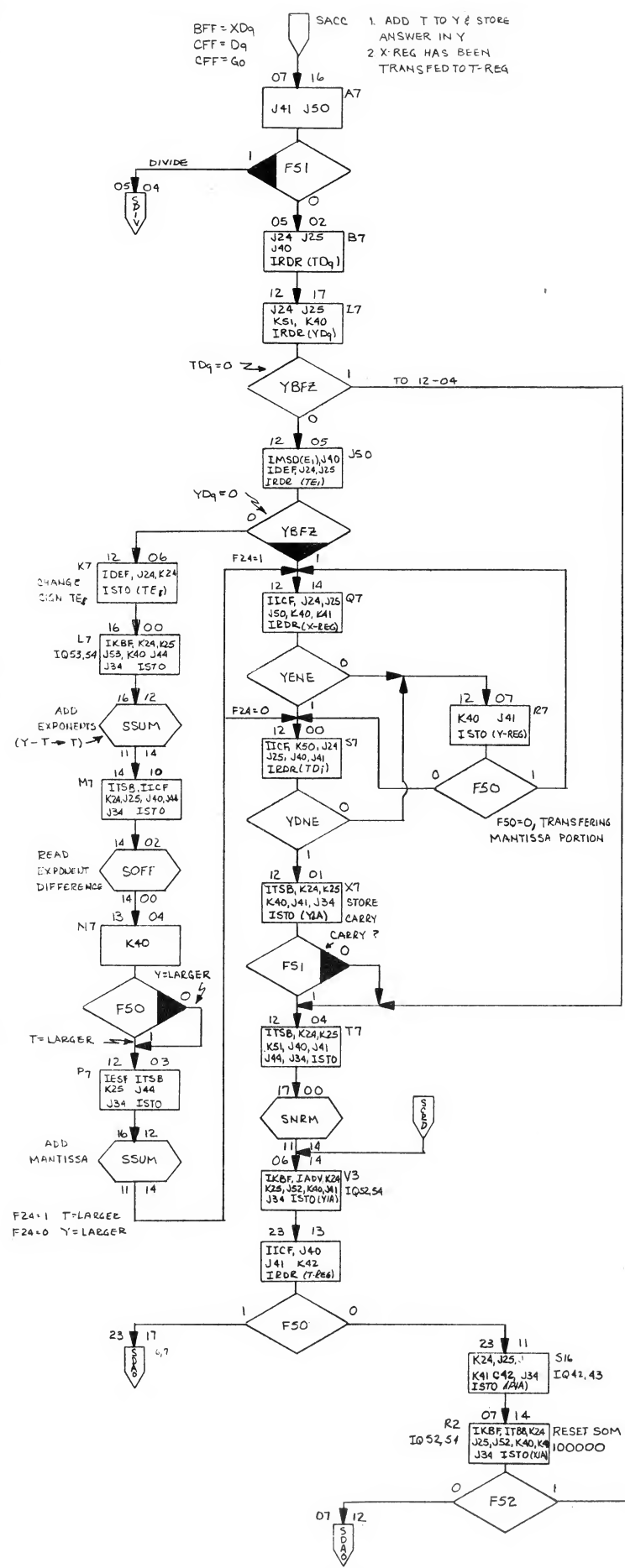


ENG. RESP. — DIV. —		ITEM QTY		DESCRIPTION		PART NO.		DWG. NO.		MAT'L SPEC.	
UNLESS OTHERWISE NOTED — TOLERANCES —		DATE		TITLE							
0.XX ± 0.02 0.XXX ± 0.005		7-7-69		SUBROUTINE SDAO PROGRAM MODE KEY PORTION.						NEWLETT PACKARD	
ANGULAR ±		APPROVED		9100B						LABORATORY INSTRUMENTS	
MACHINED SURFACES		SUPERSEDES		FINISH		SCALE		NEXT ASSY.		9100B	
— DO NOT SCALE —								D-09100 - 70370-6			

ENG. RESP. — DIV. _____		ITEM	QTY	DESCRIPTION	PART NO.	DWG. NO.	MAT'L SPEC.
UNLESS OTHERWISE NOTED — TOLERANCES —		DRAWN BILL THAYER		DATE 7-7-69	TITLE SUBROUTINE	NEWLETT  PACKARD	
0.00X ±0.02 0.00X ±0.005		ENGINEER 		SUB / RETURN		LABORATORY INSTRUMENTS	
ANGULAR ± _____		APPROVED 				NEXT ASSY. 9100B	
MACHINED SURFACES <input checked="" type="checkbox"/> 63		SUPERSEDES		FINISH	SCALE	D-09100 - 90370-7	
— DO NOT SCALE —							



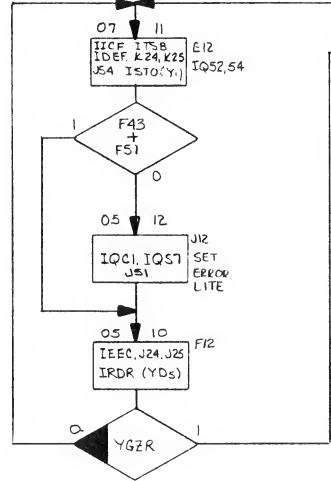
ENG. RESP. — DIV.		ITEM QTY		DESCRIPTION		PART NO.		DWG. NO.		MAT'L SPEC.	
UNLESS OTHERWISE NOTED — TOLERANCES —		DRAWN AL HOWARD		DATE 7-7-69		TITLE SUBROUTINE- LEARN		NEWLETT PACKARD		LABORATORY INSTRUMENTS	
0.XX ± 0.02 0.XXX ± 0.005		ENGINEER R Spangola								NEXT ASSY. 9100B	
ANGULAR ±		APPROVED								D-09100-90370-8	
MACHINED SURFACES 63		SUPERSEDES				FINISH		SCALE			
— DO NOT SCALE —											



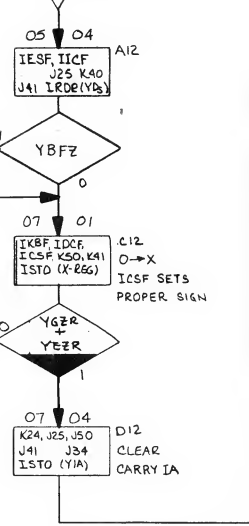
ENG. RESP. - DIV.		ITEM QTY		DESCRIPTION		PART NO.	DWG. NO.	MAT'L SPEC.
UNLESS OTHERWISE NOTED — TOLERANCES —		DRAWN JOHN SCOHY		DATE 8-28-69		TITLE SUBROUTINE - ACCUMULATE		HEWLETT-PACKARD LABORATORY INSTRUMENTS NEXT ASSY. 9100B D-09100 - 90370 - 9
0.XX ± 0.02 0.XXX ± 0.005		ENGINEER RICK SPANGLER				SUBROUTINE - SUM		
ANGULAR ±		APPROVED				SUBROUTINE - OFFSET		
MACHINED SURFACES 63		SUPERSEDES				FINISH SCALE		
— DO NOT SCALE —								

Y-REG → T-REG
BFF = X_{D4}
CFF = D₄
EFF = 60
F50 = 1

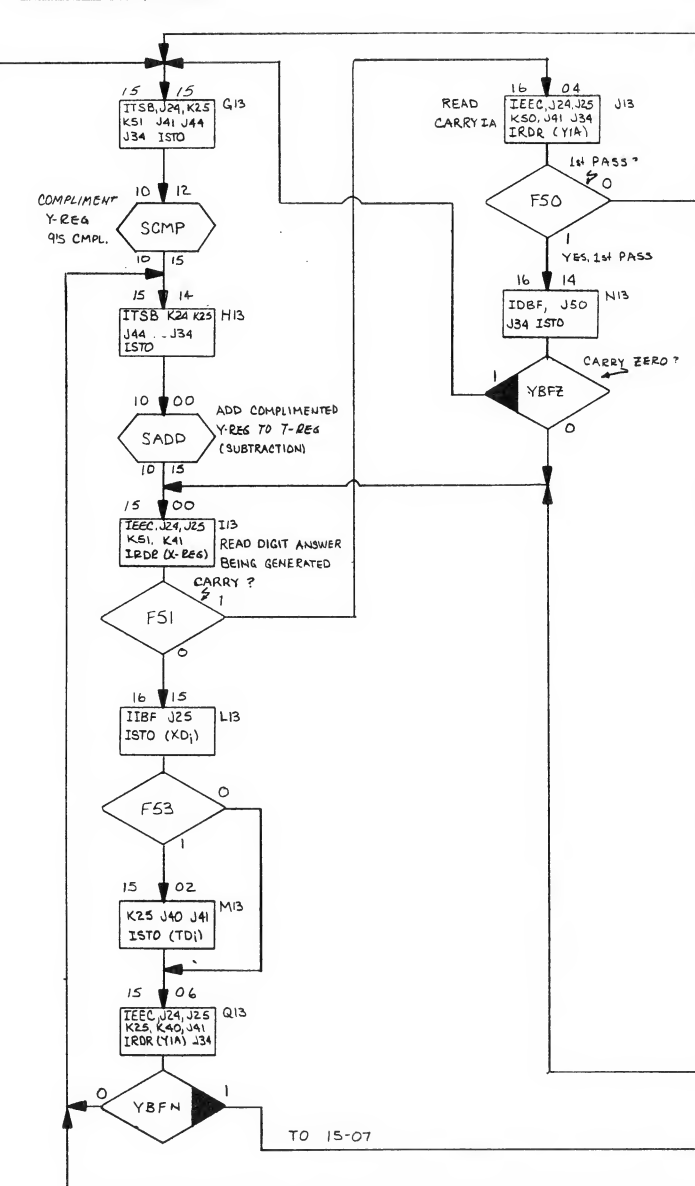
DIVISION BY ZERO
(STORE 99 IN Y-REG EXPONENT)



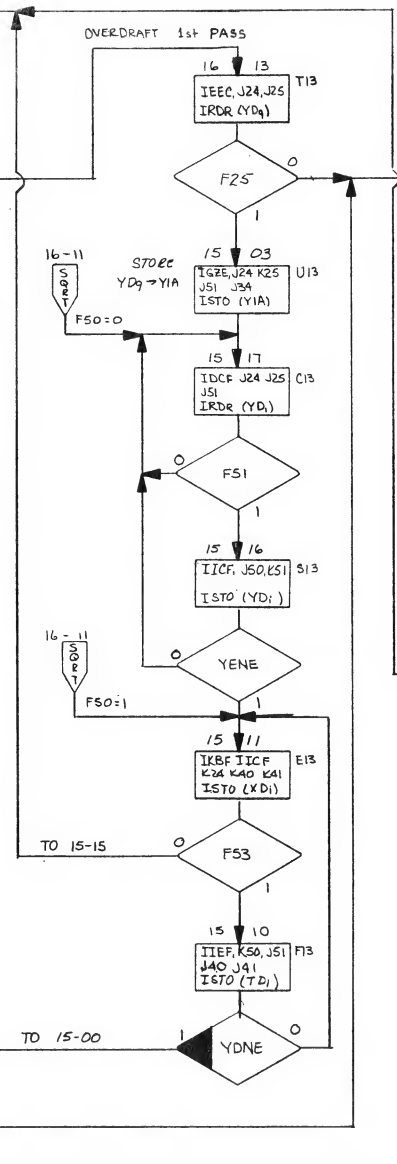
SDIV



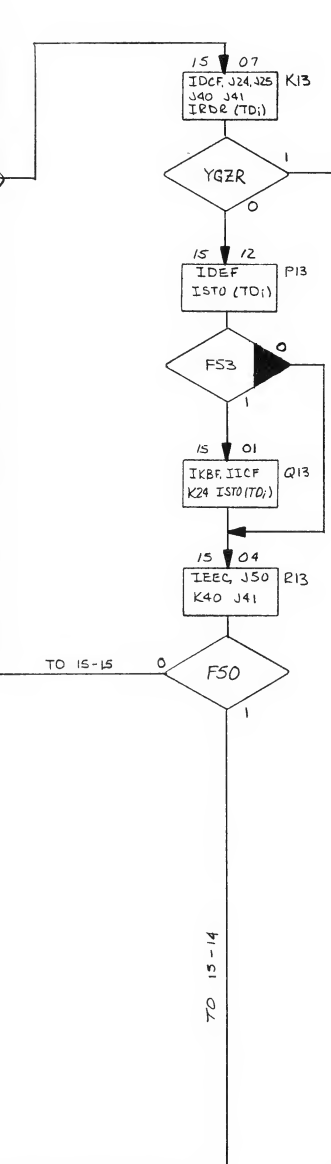
SUBTRACT LOOP



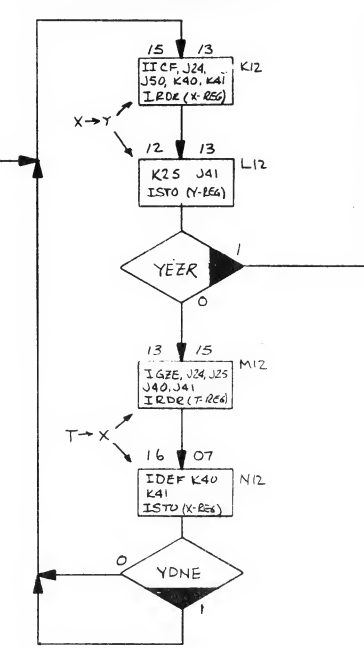
SHIFT Y-REG LEFT IF OVERDRAFT 1st PASS



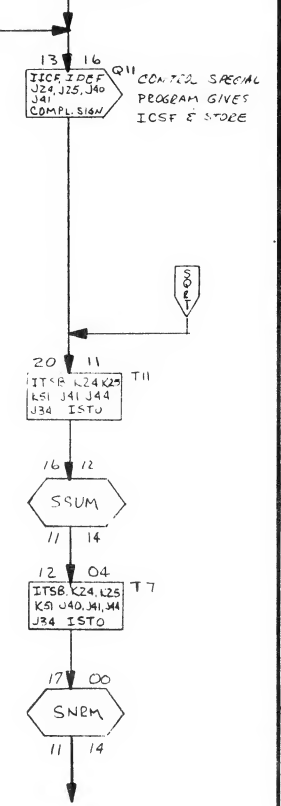
REINITIALIZE IF OVERDRAFT



MANTISSA TRANSFER

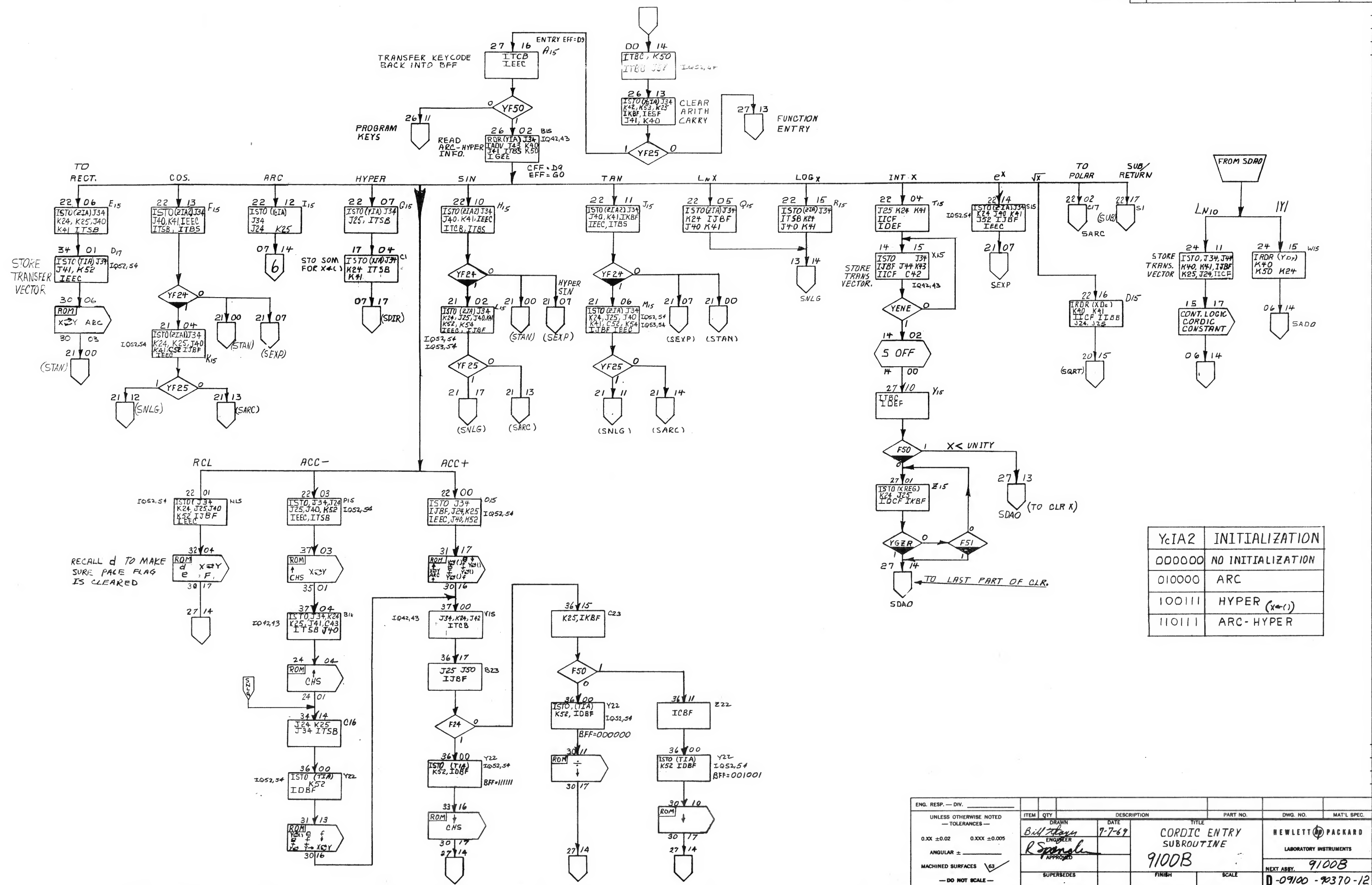


11-02
CFF = E₀




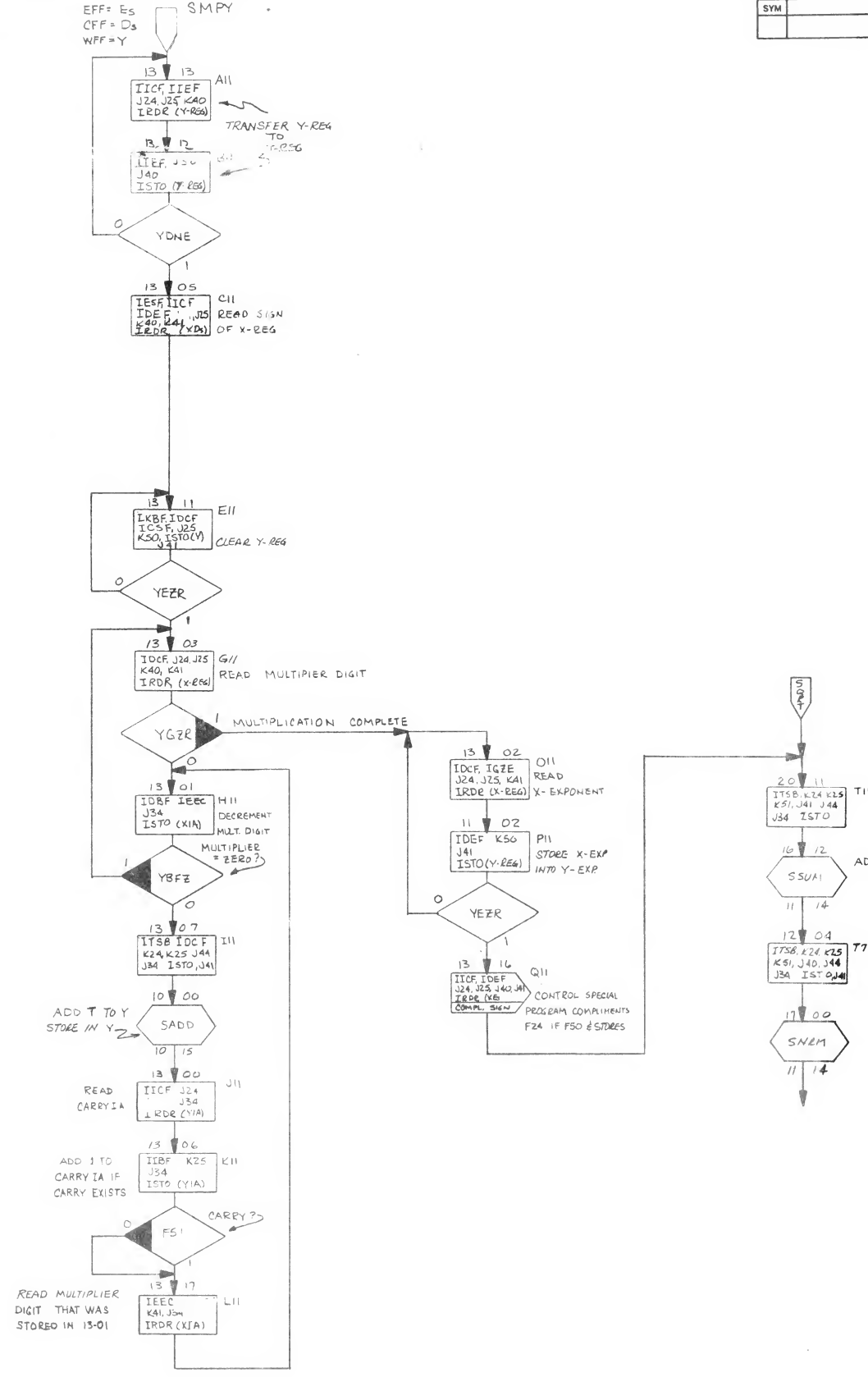
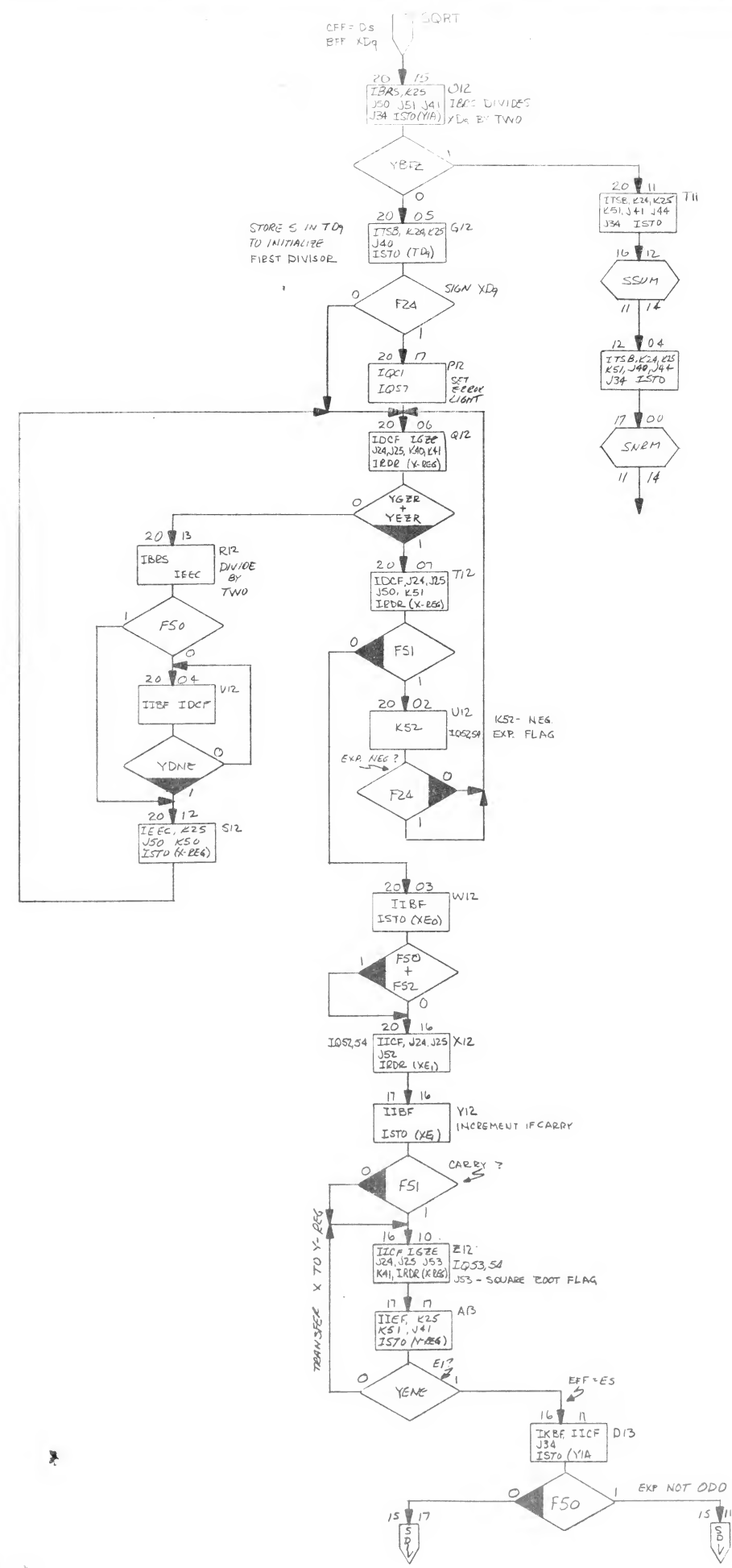
SDIV
1 SUCCESSIVELY SUBTRACT T-REG FROM Y-REG
ENTERING THE NUMBER OF TIMES THE SUBTRACTION
IS ACCOMPLISHED WITHOUT OVERFLOW INTO X-REG.

ENG. RESP. — DIV.		ITEM QTY		DESCRIPTION		PART NO.	DWG. NO.	MAT'L SPEC.
UNLESS OTHERWISE NOTED — TOLERANCES —		DRAWN		DATE		TITLE		
0.XX ± 0.02 0.XXX ± 0.005		JOHN SCOHY		9-3-69		SUBROUTINE - DIVIDE		NEWLETT-PACKARD
ANGULAR ±		ENGINEER						LABORATORY INSTRUMENTS
MACHINED SURFACES ✓		RICK SPANGLER						NEXT ASSY. 91008
— DO NOT SCALE —		APPROVED						D-09100 -90370 -1/1
		SUPERSEDES				FINISH SCALE		



YcIA2	INITIALIZATION
0000000	NO INITIALIZATION
010000	ARC
100111	HYPER ($x \leftarrow 1$)
110111	ARC - HYPER

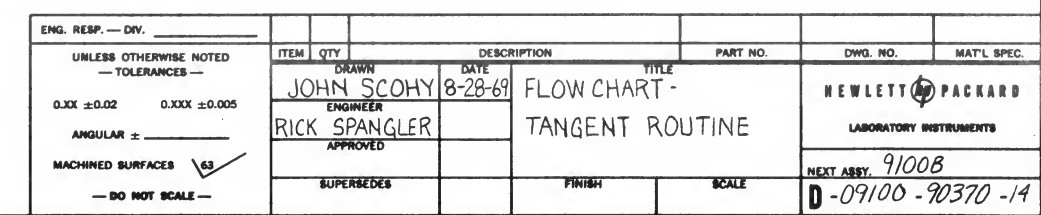
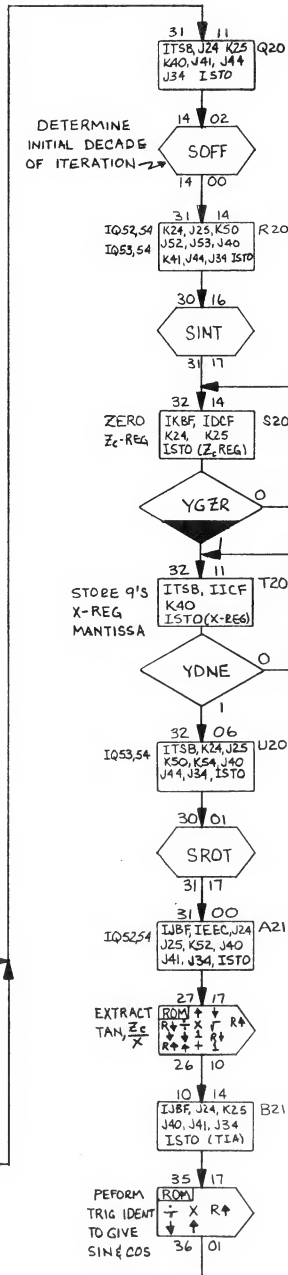
ENG. RESP. — DIV. _____	ITEM	QTY	DESCRIPTION	PART NO.	DWG. NO.	MAT'L SPEC.
UNLESS OTHERWISE NOTED — TOLERANCES —	DRAWN <i>Bill Hays</i>	DATE 7-7-69	TITLE CORDIC ENTRY SUBROUTINE			NEWLETT  PACKARD
0.XX ± 0.02 0.XXX ± 0.005	ENGINEER <i>R Spangle</i>					LABORATORY INSTRUMENTS
ANGULAR ± _____	APPROVED		9100B			NEXT ASSY. 9100B
MACHINED SURFACES <input checked="" type="checkbox"/> 63	SUPERSEDES		FINISH	SCALE		D-0910A - 90370-12
— DO NOT SCALE —						

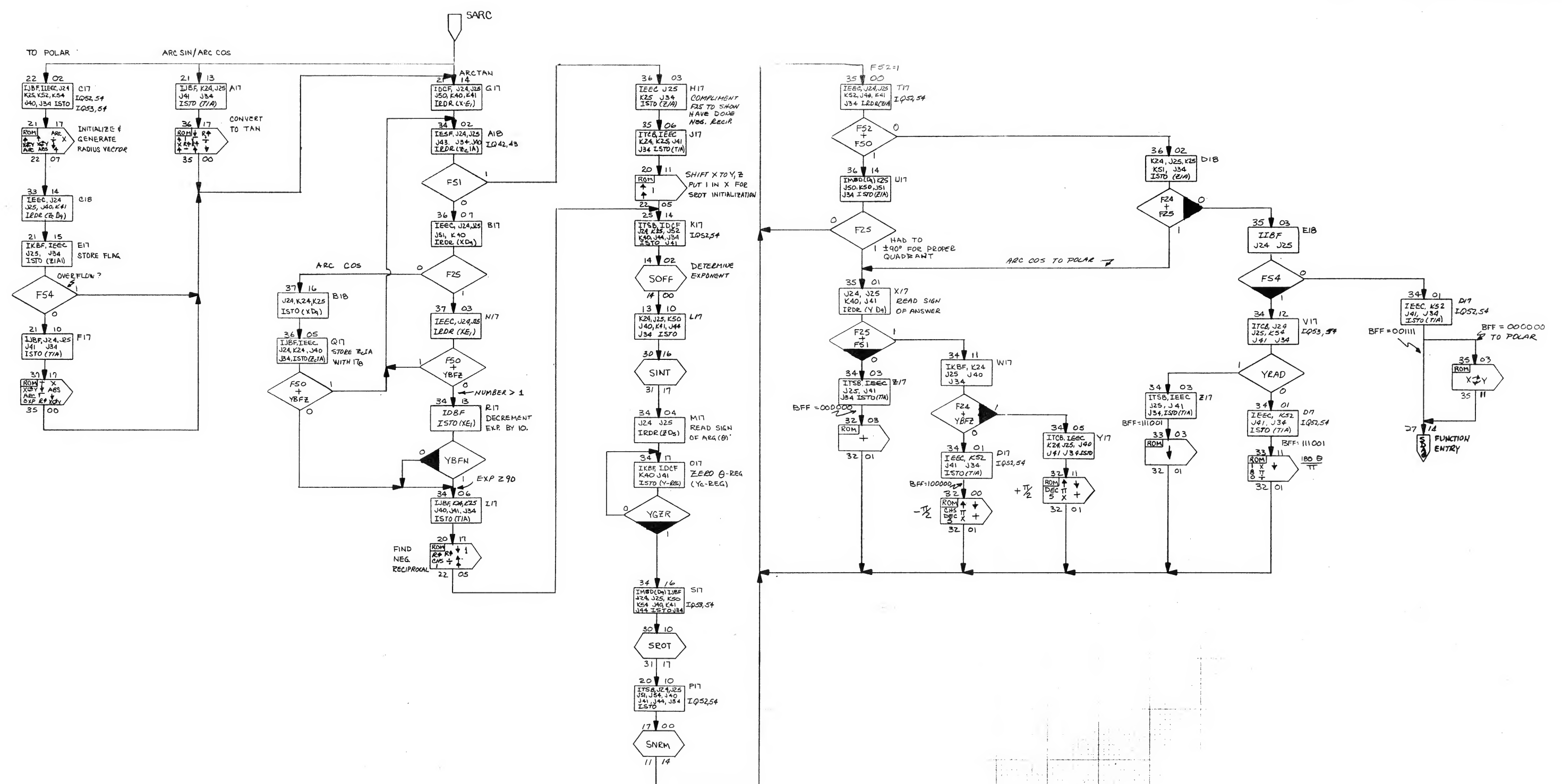



ENG. RESP. — DIV.	ITEM	QTY	DESCRIPTION	PART NO.	DWG. NO.	MAT'L SPEC.
UNLESS OTHERWISE NOTED — TOLERANCES —	DRAWN	DATE	TITLE			
0.XX ± 0.02 0.XXX ± 0.005	JOHN SCOHY	9-2-69	SUBROUTINE—SQUARE ROOT			NEWLETT PACKARD
ANGULAR ±	ENGINEER					LABORATORY INSTRUMENTS
MACHINED SURFACES	RICK SPANGLER		SUBROUTINE—MULTIPLY			
— DO NOT SCALE —	APPROVED					
	SUPERSEDES		FINISH	SCALE		
						NEXT ASSY. 9100B
						D-09100 -90370 -13

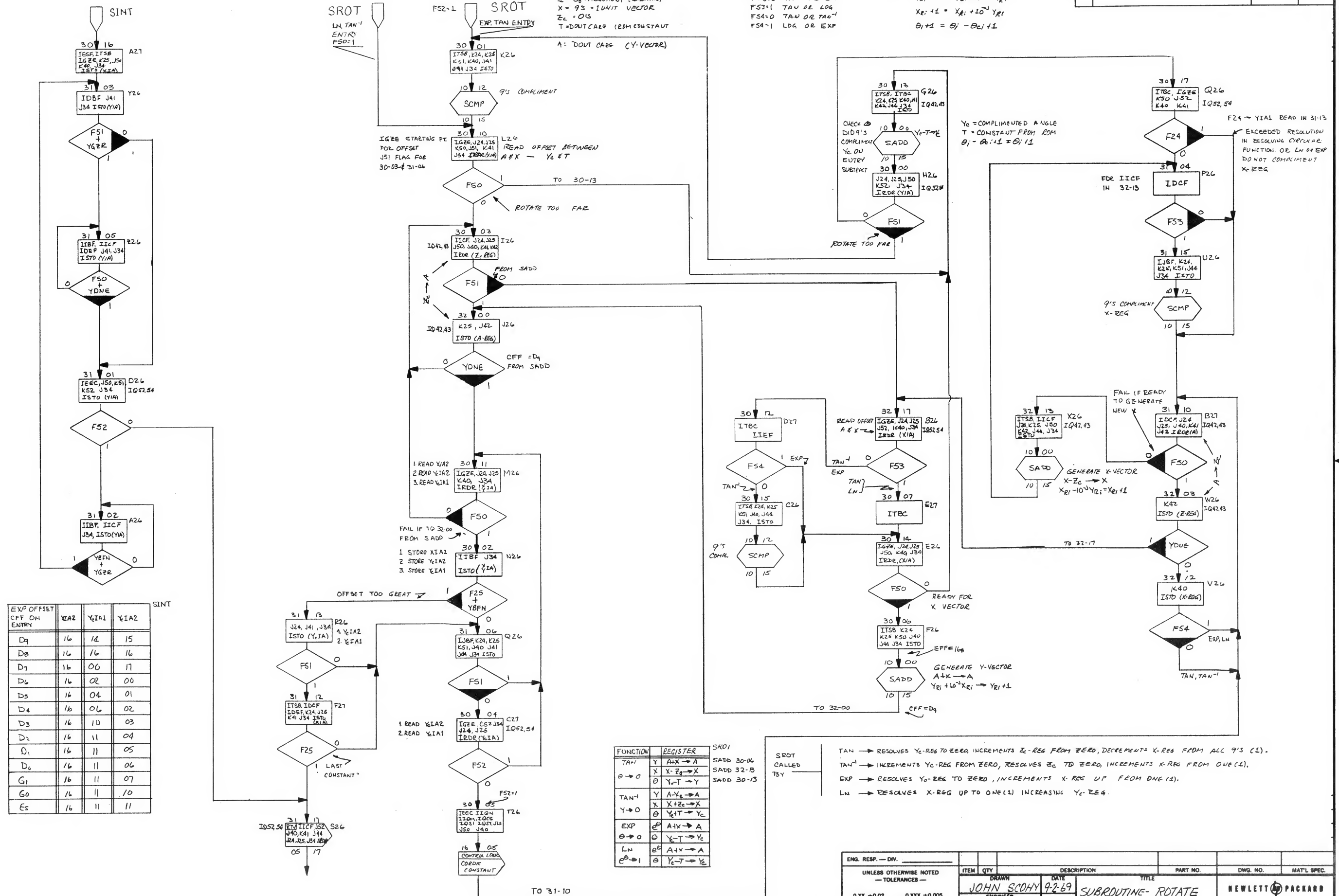
QUADRANT INFORMATION:


1. SIGN OF TAN FOR PROPER QUADRANT IS IN F24.
2. SIGN OF COS FOR PROPER QUADRANT IS IN F21.
3. IF ROTATED BY ODD NO. OF TIMES, FINDING THE COMPLIMENT OF THE ANGLE, INDICATED BY F25.

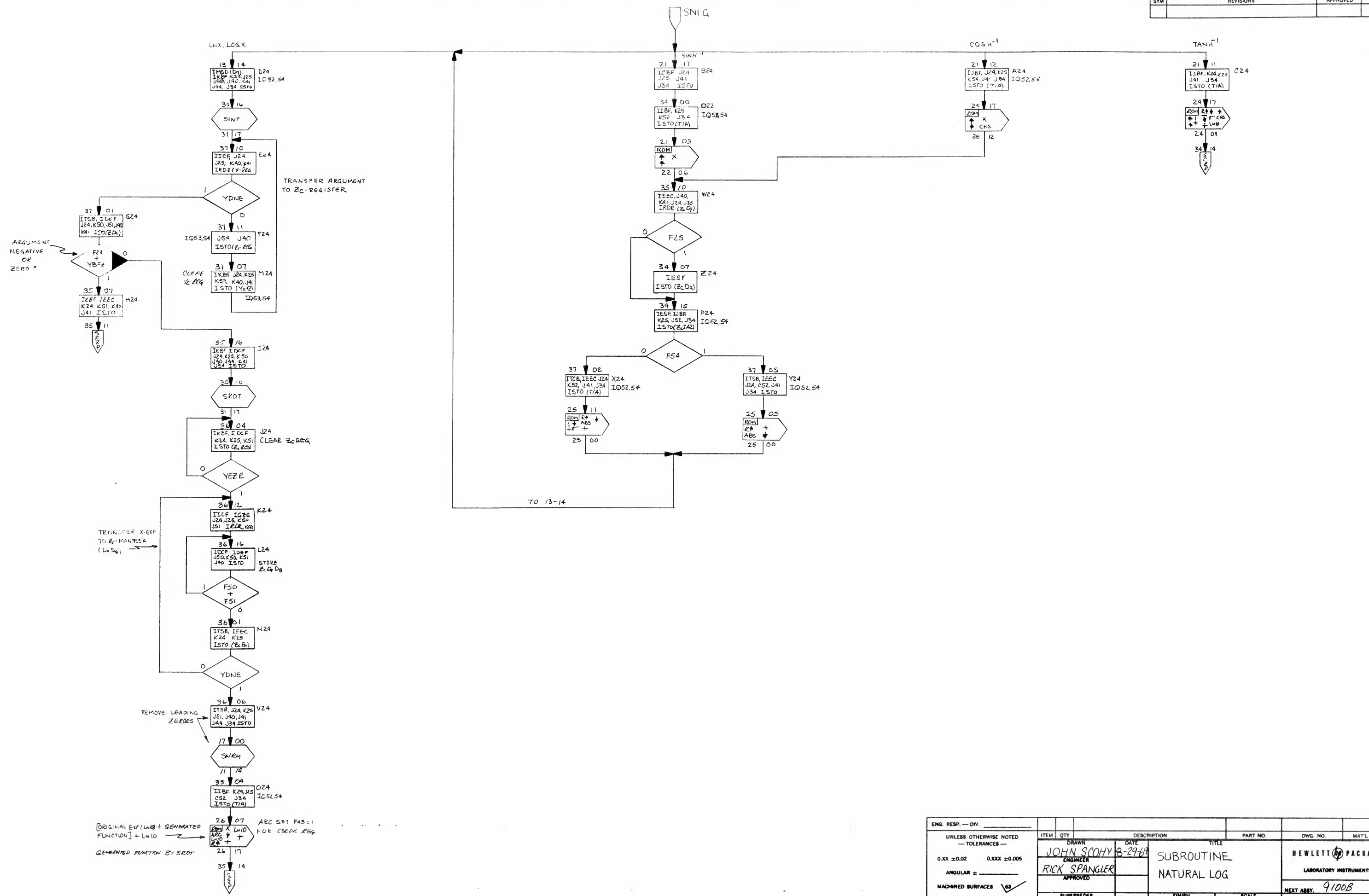




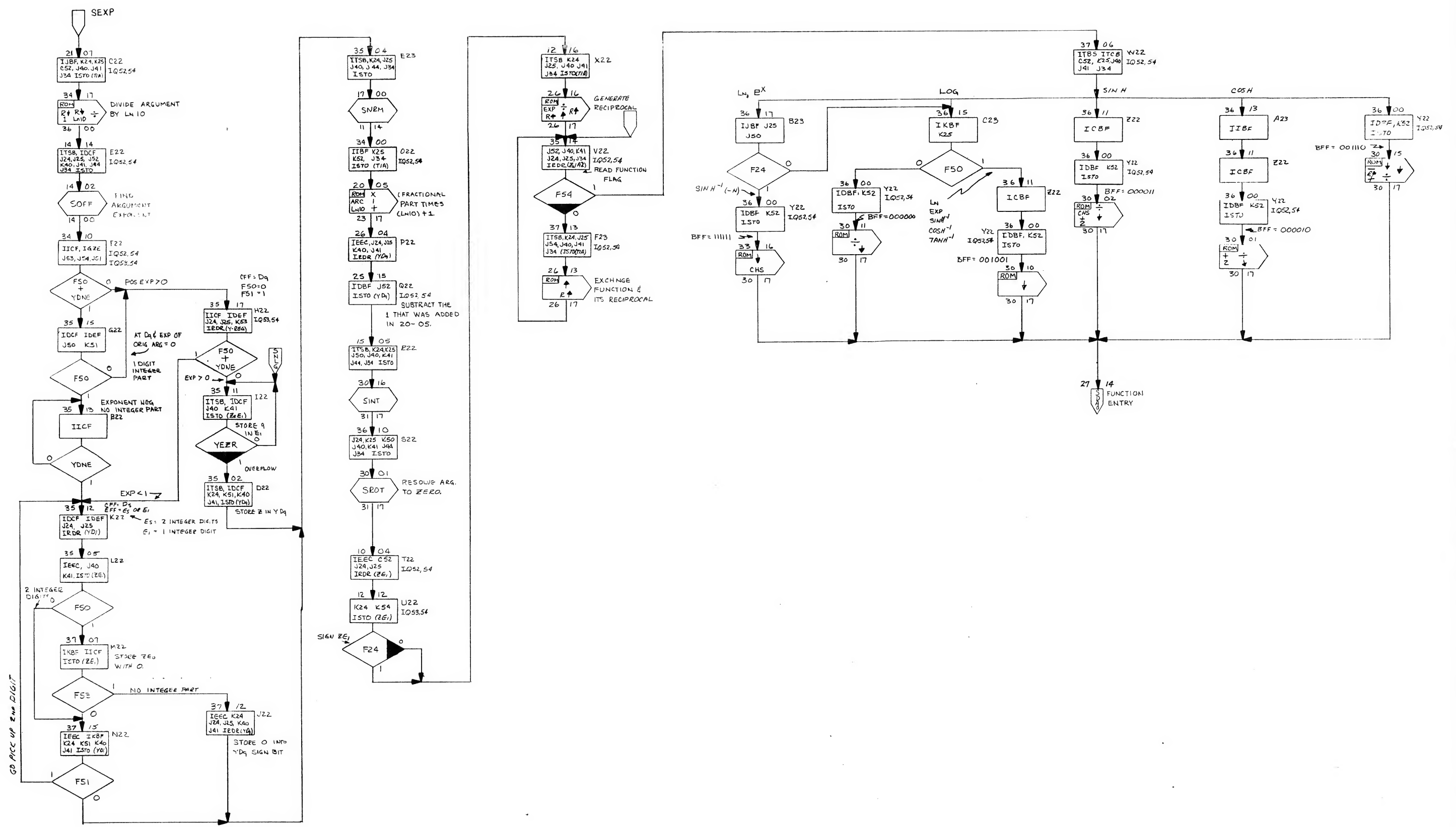
ENG. RESP. - DIV. _____		ITEM	QTY	DESCRIPTION	PART NO.	DWG. NO.	MAT'L SPEC.
UNLESS OTHERWISE NOTED - TOLERANCES -		DRAWN JOHN SCOHY		DATE 8-29-69	TITLE SUBROUTINE - ARC TANGENT	HEWLETT  PACKARD LABORATORY INSTRUMENTS	
0.0X ±0.02 0.00X ±0.005		ENGINEER RICK SPANGLER				NEXT ASST. 7100B D-09100-90370-15	
ANGULAR ± _____		APPROVED					
MACHINED SURFACES <input checked="" type="checkbox"/>		SUPERSEDES		FINISH	SCALE		
- DO NOT SCALE -							



ENG. RESP. — DIV. _____		ITEM		QTY		DESCRIPTION		PART NO.		DWG. NO.		MAT'L SPEC.	
UNLESS OTHERWISE NOTED — TOLERANCES —		DRAWN		DATE		TITLE				NEWLETT  PACKARD			
0.0XX ±0.02 0.00XX ±0.005		JOHN SCOHY		9-2-69		SUBROUTINE- ROTATE				LABORATORY INSTRUMENTS			
ANGULAR ± _____		RICK SPANGLER		9-2-69		SUBROUTINE INITIALIZE				NEXT ASSY. 9100B			
MACHINED SURFACES <input checked="" type="checkbox"/>		APPROVED											
— DO NOT SCALE —		SUPERSEDES				FINISH		SCALE				D-09100 - 90370 -16	



ENG. RESP. — DIV.	ITEM	QTY	DESCRIPTION	TITLE	PART NO.	DWG. NO.	MAT'L SPEC.
UNLESS OTHERWISE NOTED — TOLERANCES — 0.XX ±0.02 0.XXX ±0.005 ANGULAR ± MACHINED SURFACES <input checked="" type="checkbox"/> 63 — DO NOT SCALE —	DRAWN JOHN SCOHY ENGINEER	DATE 8-29-67	SUBROUTINE NATURAL LOG		HEWLETT-PACKARD LABORATORY INSTRUMENTS		
			FINISH		SCALE		
			SUPERFINISH		NEXT ASSY. 9100B		
					D-09100-90370-17		



ENG. RESP. — DIV.		ITEM QTY		DESCRIPTION		PART NO.		DWG. NO.		MAT'L SPEC.	
UNLESS OTHERWISE NOTED — TOLERANCES —		DRAWN		DATE		TITLE		NEWLETT PACKARD		LABORATORY INSTRUMENTS	
0.XX ± 0.02		JOHN SCOHY		8-29-69		SUBROUTINE					
ANGULAR ±		ENGINEER				EXPONENTIAL					
MACHINED SURFACES		APPROVED									
— DO NOT SCALE —		SUPERSEDES				FINISH		SCALE		NEXT ASSY. 9100B	
										D-09100 -90370 -18	

9100B

SYM		REV	JNS	B-09100 - 90370 -19	
				APPROVED	DATE

		SECONDARY ADDRESS																PRIMARY ADDRESS	
		00	01	02	03	04	05	06	07	10	11	12	13	14	15	16	17		
20	RTN 2317	+	1	X	LN10	ARC	RTN 2205	1	↑	↑	↓	÷	R↑	1	CHS	R↓	I17 022		
21	RTN 2206	X	↑	↑	RTN 2207	X	↑	↓	÷	ARC	ABS	X⇒Y	↑	ARC	X⇒Y	↑	C17 022		
22	0	6	3	↑		2514	3510	3314	RTN 2217	÷	↓	+	↑	π	↑	3204	C20 B20		
23	—	↓	X	π	↑	RTN 2316	5	DEC	↓	↑	X	π	X	2	3210	2604	I20 020		
24	3714	3414	RTN 2401	CHS	↑	LN	✓	↓	÷	↓	—	R↑	+	1	↑	↑	C24 B16		
25	1314	RTN 2500	↓	+	ABS	R↑	✓	↓	+	1	3510	RTN 2512	CHS	X	↑	↑	A24 X24		
26	+	LN10	+	↓	X	R↑	LN10	ARC	1014	RTN 2617	R↑	↑	÷	R↑	EXP	3514	X22 F23 024		
27	RTN 2610	R↑	1	R↓	✓	↓	+	1	X	↑	↑	↓	÷	R↑	↓	R↓	A21		
30	2	+	CHS	2100	RTN 3003	ARC	X⇒Y	RTN 3017	↓	÷	↓	+	R↑	—	3700	2714	Y22 M21 A23 C23		
31	RTN 3016	X⇒Y	↓	f	Y⇒()	+	f	E	Y⇒()	+	E	Y⇒()	↑	ARC	X⇒Y	↑	L21 Z22 B23		
32	CHS	3500	RTN 3201	+	↓	X	π	↑	5	DEC	2600	RTN 3017	f	X⇒Y	E	d	O15 Y17		
33	RTN 3017	X⇒Y	RTN 3201	↓	÷	π	X	0	8	1	RTN 3212	—	RTN 3017	CHS	↓	↑	B24 Z17 D17		
34		RCL	SET FLAG	↑	X⇒Y	f	STO	E	STO	CLR X	RTN 3600	÷	LN10	R↓	1	R↓	C22 021		
35	2114	3704	RTN 3511	X⇒Y	↓	X	ARC	X	X⇒Y	2714	RTN 3601	R↑	↑	X	↓	÷	B21 021		
36	1414	3310	RTN 3500	↓	÷	R↑	↑	R↑	✓	↓	—	R↑	1	↑	X	↑	A17		
37	3501	X⇒Y	CHS	↑	RTN 3500	X⇒Y	↓	ABS	X	R↑	✓	↓	+	EXP	ARC	X⇒Y	F17 P15		

ENG. RESP. — DIV. _____		ITEM		QTY	DESCRIPTION	PART NO.	DWG. NO.	MAT'L SPEC.
UNLESS OTHERWISE NOTED — TOLERANCES — 0.XX ±0.02 0.XXX ±0.005 ANGULAR ± _____ MACHINED SURFACES ✓63 — DO NOT SCALE —		DRAWN		DATE	TITLE		HEWLETT PACKARD	
		AL HOWARD		5/29/9	ROM PROGRAM		LABORATORY INSTRUMENTS	
		ENGINEER			STEPS 9100B			
		APPROVED					NEXT ASSY. 9100B	
		SUPERSEDES			FINISH	SCALE	B-09100 - 90370 -19	

9100B

B-09100 -90370 -20

SYM	REVISIONS	APPROVED	DATE

		SECONDARY ADDRESS																CHARACTER DECODE RIGHT HALF LEFT HALF π
		00	01	02	03	04	05	06	07	10	11	12	13	14	15	16	17	
PRIMARY ADDRESS	00	0	1	2	3	4	5	6	7	8	9	—	a	b		c	d	
	01	0	1	2	3	4	5	6	7	8	9	—	a	b	DEC	c	d	
	02	3	1	4	1	5	9	2	6	5	3	6	0	0(2)	0(2)	π	RIGHT HALF BLANK	
	03					FAST	ADD										LEFT HALF BLANK	
	04	L7 14-10	K-26 30-10		P7 17-00	T7 06-14	R-22 36-10	F26 32-00	I11 13-00	E9 J9 11-04	T11 13-04	D9 10-10	G26 30-00	H13 15-00	C26 30-14	G20 32-04	Q26 U26 31-10	
	05	I24 36-04			P7 12-14		S22 10-04	V24 33-04		E9 12-10	Q20 31-14		X26 31-04	K17 13-10	G13 15-14		U5 06-14	
	06	D24 37-10				E23 34-00	E23 35-04	U20 31-00		M7 13-04	R20 32-14		L17 34-04		Y1 07-14	X15 27-10		
	07	00-14	14-00		M10 11-10					F18 35-00			E22 34-10			S17 20-10		
	10	9(1)	6(2)	9(1)	6(2) D3	6(2) D4	8 D7	6(3)	9(1)	6(2)	8	6	5	2	4	9	1(2)	
	11	9(1) D7	5	0(3) D9	0(3)	9(1)	9(1)	7	8	5	3	9	8	1	6	3(2)	9(2) G'0	
	12	9(1)	9(1)	9(1)	9(1)	6	9	3	1	4	7	1	8	0	5	6	0 G'0	
	13	9(1) D9	5 D'9	0(2) D'8	3(2)	3	0(3)	9	5 D'2	3	1	0	1	7	9	8	0(3) 0'0	
	14	9(1) D8	9(1)	9(1)	9(1)	5	0	0(3)	0(3)	9(1)	5	0	3(2)	0	8	5	5(3)	
	15	9(1)	2	3	0	2	5	8	5	0	9	2 D5	9	9	0(2) D2	0(2)	LN 10	LN 10
	16	D0	D1	D2	D3	D4	D5	D6	D7	D8	D9	9(1) D6	9(1)	6(2)	6(2) D1	G0	G1	
	17	D0'	D1'	D'2	D'3	D'4	D'5	D'6	D'7	D'8	D9'	9(1)	9(1)	6(3)	6(3)	G'0	G'0	

ENG. RESP. — DIV. _____

UNLESS OTHERWISE NOTED
— TOLERANCES —

0.XX ±0.02 0.XXX ±0.005

ANGULAR ± _____

MACHINED SURFACES ☒ 63

— DO NOT SCALE —

ITEM	QTY	DESCRIPTION	PART NO.	DWG. NO.	MAT'L SPEC.
DRAWN		DATE	TITLE		
AL HOWARD		5/28/9	ROM CONSTANTS		
ENGINEER			TRANSFER VECTORS		
R Spangler			9100B		
APPROVED			SCALE		
SUPERSEDES			FINISH		
			NEXT ASSY. 9100B		
			B-09100-90370-20		

HEWLETT  PACKARD

LABORATORY INSTRUMENTS

	← SECONDARY ADDRESS →																
	00	01	02	03	04	05	06	07	10	11	12	13	14	15	16	17	
00	3	2, 3	2	3	2	3	2	2	3	2, 3	3	3	4, 6, 12	2	3	8	00
01	2	2	2	2	2	2	2	2	2, 3	2	2	2	2	2	2	2	01
02	2	3	2	2	2	3	2	2	2	2	2	2	2	2	2, 4, 6	2	02
03	2	2, 3	3	3	3	3	2	3	3	3	2, 3	2, 3	3	2, 3	2, 3	3	03
04	4	4	4	4, 5	4	4	4	4	5	4	4	4	4	4	4	4, 5	04
05	4	4	9	4	11	4	5	4	11	4	11	5	5	6	4	5	05
06	5	5	4, 5	5	5	5	5	5	7	5	5	4, 5	4, 5, 9	5	5	5	06
07	4	11	5	4, 5	11	4, 5	4, 5	4, 5	5	11	4	5	4, 5, 6 7, 9	4	9	3	07
10	10	10	9	10	18	9, 10	10	10	9	10	10	10	14	9, 10	10	10	10
11	10	10	13	9	9	10	9	10	10	9	9	9	9	5	9	9	11
12	9	9	4	9	9, 11, 13	9	9	9	9	4	18	11	9	14	18	9	12
13	13	13	13	13	9	13	13	13	15	13	13	13	17	11	11, 13	13	13
14	9	14	9	9	6	9	9	9	9	9	9	6	18	12	9	6	14
15	11	11	11	11	11	18	11	11	11	11	11	11	11	11	11	6, 11, 12	15
16	9	10	10	10	11	10, 16	10	11	13	13	9	11	11	11	10	10	16
17	10	10	10	10	4, 12	10	10	10	10	10	10	10	10	10	13	13	17
20	5	7	13	13	13	13, 18	13	13	15	11, 13, 15	13	13	7	13	13	13, 15	20
21	14	4	12	14, 17	12	7	12	18	15	17	17	15	15	15	14	15, 17	21
22	12	12	15	12, 14	12	12	12	4, 12	12	12	12	12	12	12	12, 14	7	22
23	2	7	2	3, 17	7, 14	7	7	7	2	4, 5, 7, 9	7	4, 5, 7, 9	7	7, 14	7	4, 5	23
24	4, 6	6	6	6	6, 12	6	6	6	6	6, 12	6	6	6	6, 12	4, 6	6, 17	24
25	8	8	8	4	8	8	8	6	4	10	6	8	15	18	8	8, 17	25
26	6	8	12	8	18	8	6	8, 17	8	6	6	4, 6 18, 12	6	6	6, 18	6	26
27	6, 8	12	8	8	4	6	6	5	12	6	8	4	4	6	6	8, 14	27
30	14, 16	16, 18	16, 18	16	16	16	12, 16	16	12, 14 16, 18	12, 14 16, 18	16	16	16	16, 18	16	16	30
31	14	16	16	16	16	16	16	17	16	14	16	12, 16	14	16	14	12, 16	31
32	14, 15, 16	14	14	15, 16	12, 14	14	14	14	14	14, 15	16	16	14	14	14	16	32
33	14	14	14	14, 15	17	14	4, 14	14	14, 18	14, 15	14	6, 13	15	12, 14	12, 14	14	33
34	17, 18	12, 15	15	15	15, 17	15	15	17	18	4, 14	15	15	12	17	15, 17	15, 18	34
35	15	15	18	15	18	18	15	17	14, 17	18	18	18	14, 18	18	17	4, 18	35
36	12, 18	17	15	15	17	15	17	15	18	12, 18	17	18	15	18	17	12, 15, 18	36
37	12	17	17	12, 15	12	17	18	18	17	17	18	18	14	18	15	8, 15	37
	00	01	02	03	04	05	06	07	10	11	12	13	14	15	16	17	

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- B-09100-90370-20
- CONTROL LOGIC
- DISPLAY
- SDXT, SDIR, SPMD
- FUNCTION ENTRY
- DIGIT ENTRY
- PROG. MODE KEY
- SUB/RETURN
- SLRN
- SACC, SSUM, SOFF
- SNRM, SCMP, SADD
- SDIV
- CORDIC ENTRY
- SQRT, SMPY
- STAN
- SARC
- SROT, SINT
- SNLG
- SEXP
- ROM PROG STEPS
- ROM CONSTANTS

ENG. RESP. — DIV.		ITEM		QTY	DESCRIPTION		PART NO.	DWG. NO.	MAT'L SPEC.
UNLESS OTHERWISE NOTED — TOLERANCES —		DRAWN		DATE	TITLE				
0.XX ±0.02 0.XXX ±0.005		JOHN SCOHY		9-3-69	INDEX —				
ANGULAR ±		ENGINEER			9100B FLOW CHARTS				
MACHINED SURFACES ✓		RICK SPANGLER							
— DO NOT SCALE —		APPROVED							
		SUPERSEDES			FINISH		SCALE	NEXT ASSY.	
								9100B	
								D-09100-90370-21	